

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449B/PTO
**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

Date Submitted: March 16, 2005

(use as many sheets as necessary)

Complete if Known 10/528097

Sheet

1

of

1

Application Number Unassigned

Filing Date 3/16/2005

First Named Inventor Jun KITAKADO

Group Art Unit Unassigned

Examiner Name Unassigned

Attorney Docket Number 038440-0121

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number	Kind Code ² (if known)			
/K.A./	A1	2002-0128007	A1	T. MIYATANI	09/12/2002	
/K.A./	A2	2001-0043156	A1	T. MATSUI et al.	11/22/2001	

FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document			Name of Patentee or Applicant of Cited Documents	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁶
		Office ³	Number ⁴	Kind Code ⁵ (if known)				
/K.A./	A3	JP	04-068622		H. YANAGISAWA	03/04/1992		A
/K.A./	A4	JP	08-321799		M. YUKIMATSU et al.	12/03/1996		A
/K.A./	A5	JP	08-097759		M. MIZUSAWA et al.	04/12/1996		A
/K.A./	A6	JP	11-234197		M. KITAHARA et al.	08/27/1999		A
/K.A./	A7	JP	2001-320310		T. MATSUI et al.	11/16/2001		A
/K.A./	A8	JP	2002-261668		T. MIYATANI	09/13/2002		A

NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ⁶
/K.A./	A9	K. NOBUYOSHI; "Adaptive Signal Processing by Array Antenna," Kagaku Gijutsu Shuppan, Chapter 3: MMSE Adaptive Array, November 25, 1998, pp. 35-49.	

Examiner Signature

/Kamran Afshar/

Date Considered

06/18/2007

*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹ Unique citation designation number. ² See attached Kinds of U.S. Patent Documents. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

Burden Hour Statement: This form is estimated to take 2.0 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.